of Water Resources on Irrigation, Flood Control and Multipurpose Projects subject to certain observations which are to be satisfactorily complied with by the State Government so that the projects could be processed for investment clearance by the Planning Commission. Details of the above 14 projects are given in the statement (See below).

(c) The time taken for completion of appraisal process depends on the promptness with which State Government of Rajasthan complies with the observations of the Central Appraising Agencies.

***Statement***

*Details of Pending Irrigation projects in Rajasthan*

**A. Projects Under various stages of appraisal**

1. Pipalda lift irrigation project
2. Indira lift irrigation project
3. Parwan irrigation-cum drinking water supply project
4. Hatiadeh irrigation project
5. Andheri irrigation project
6. Rajgarh irrigation project
7. Manoharthana irrigation project

**B. Projects accepted by the advisory committee subject to certain observations**

1. Utilization of Yamuna water in Bharatpur district
2. Utilization of Yamuna water in Jhunjhunu and Churu districts
3. Indira Gandhi Nahar Stage-I (Extension, Renovation and Modernization)
4. Rajasthan Water Sector Restructuring Project (ERM)
5. Piplad irrigation project
6. Takli irrigation cum drinking water supply project
7. Gagrin irrigation project

**Water management between India and Nepal**

†2473. SHRI SHIVANAND TIWARI:
SHRI RAJ MOHINDER SINGH MAJITHA:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether it is a fact that a Joint Committee has been constituted to consider water management between India and Nepal;

---

†Original notice of the question was received in Hindi.

(b) if so, the level of the officer comprising this Committee and the date of its constitution; and

(c) the total number of sittings of this Committee held so far alongwith dates and the agenda decided for each of them?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) and (b) For discussing various aspects of water resources development with the Government of Nepal, a India-Nepal Joint Committee on Water Resources (JCWR) headed by Secretaries of Water Resources of India and Nepal already exist. JCWR was formed in pursuance of the decision taken by the Prime Ministers of Nepal and India during the visit of the Hon'ble Prime Minister of Nepal to India from July 31 to August 6, 2006. JCWR during its 3rd meeting held from 29th September, 2008 to 1st October, 2008 has recommended setting up of a three tier bilateral mechanism consisting of Joint Ministerial Level Committee on Water Resources (JCWR) headed by Ministers of Water Resources of India and Nepal, existing JCWR headed by Secretaries (WR) of India and Nepal and Joint Standing Technical Committee (JSTC) headed by the Chairman, Ganga Flood Control Commission (GFCC) from Indian side and Joint Secretary (WR), Government of Nepal from the Nepalese side.

(c) 3 meetings of JCWR have been held on October 1-3, 2000, October 7-8, 2004 and September 29-October 1, 2008, 1st meeting of JSTC has been held on December 8-9, 2008. Copies of the agenda decided for these meetings are given in the Statement I, II, III and IV respectively.

***Statement-I***

*Agenda of the 1st meeting of Joint Committee on Water Resources (JCWR)*
(*October* 1-3, 2000)

1. TERMS OF REFERENCE OF THE JOINT COMMITTEE
2. REVISITING THE EXISTING COMMITTEES RELATED TO WATER RESOURCES
3. INUNDATION PROBLEMS IN NEPAL-INDIA BOARDER AREAS
   - 3.1 Inundation in Banke District
   - 3.2 Erosion of Sanedi Bund and Sarada Sagar Bund
   - 3.3 Erosion Problem on Left Bank of Gandak River down stream of the Gandak Barrage
   - 3.4 Erosion of Sotwa Nala at Banganga
   - 3.5 Erosion in Dodhara-Chandani Area of Nepal
   - 3.6 Construction of Embankment in Lal Bakaya, Bagmati, Kamala, Khando Rivers
   - 3.7 Other Problems related to inundation in border area.

4. FLOOD CONTROL AND FLOOD FORECASTING

5. WORKS TO BE DONE UNDER THE PROVISIONS OF THE MAHAKALI TREATY

   5.1 Pancheswar Multipurpose Project

   5.2 Construction of Head Regulator for Dodhara Chandani Area

   5.3 Sill Level of the Head Regulator for the Canal towards Nepal at Tanakpur Barrage

   5.4 Supply of Power from Tanakpur Power House

   5.5 Tanakpur–Mahendra Link Road

6. SAPTAKOSHI-SUNKOSHI MULTIPURPOSE PROJECT

7. NEPAL-INDIA POWER EXCHANGE

8. KOSI AND GANDAK AGREEMENTS

   8.1 Implementation of the Provisions of Kosi and Gandak Agreements

   8.2 Field Specific Problems of Kosi and Gandak Projects

   8.3 The need for an Institution

9. KAMALA AND BAGMATI MULTIPURPOSE PROJECT

10. IDENTIFICATION AND IMPLEMENTATION OF HYDRO POWER PROJECT

11. MISCELLANEOUS

   11.1 Downstram Benefits

   11.2 Dhauliganga Hydro electric Project in India

   11.3 Others

***Statement-II***

*Agenda of the 2nd meeting of Joint Committee on Water Resources (JCWR)*
*(October 7-8, 2004)*

1. Mahakali Treaty including implementation of Pancheshwar Multipurpose Project.

2. Comprehensive strategy for flood management and control.

3. Review of activities of various bilateral committees.

   (i) Standing Committee on Inundation problems

   (ii) India Nepal High Level Technical Committee on Inundation Problems.

   (iii) Committee on Flood Forecasting.

   (iv) Sub-Committee on Embankment Construction.

   (v) Joint Committee on Kosi and Gandak Projects.

(vi) Power Exchange Committee.

4. Sapta Kosi High Dam Multipurpose Project and Sun Kosi Storage cum Diversion Scheme.

5. Kamla and Bagmati Multipurpose Project.

6. Identification and implementation of Hydro Power Projects (including Upper Karnali)

7. Other issues:

(i) Kosi Power Tariff

(ii) Dhauli Ganga Hydro Electric Project in India

(iii) Karnali Multipurpose Project

***Statement-III***

*Agenda of the* 3rd *meeting of Joint Committee on Water Resources (JCWR)*
*(September* 29-*October* 1, 2008*)*

1. Discussion on draft. agenda, finalization and adoption

2. Review of the progress on matters agreed upon in 2nd JCWR meeting

3. Mahakali Treaty

(a) Pancheshwar Multipurpose Project and Pancheshwar Development Authority

(b) Release of irrigation water for Chandani Dodhara area

(c) Sill level of head regulator (for Nepal) and Tanakpur

(d) Tanakpur-Mahendranagar Link Road

4. Koshi afflux bund breach and related matters

5. Sapta Koshi High Dam Multipurpose Project including Sunkosi-Kamala Diversion cum storage project

6. Issues related to Gandak Project

7. Inundation problems due to Laxmanpur barrage and Kalkalwa bund, Rasiawal Khurd-Lotan bund and Mahali Sagar

8. Review of the activities of various water and power related bilateral committees

9. West Rapti Multipurpose (Naumure) Project

10. Setting up Joint Ministerial Level Commission on Water Resources

11. Any other issues:-

(a) Bank protection works along Mechi River

***Statement-IV***

*Agenda for First Meeting of India-Nepal Joint Standing Technical Committee (JSTC) held on* 8-9 *December,* 2008 *at New Delhi.*

1. Review of the on-going activities/continuation of existing Committees/Sub-committees.

2. Pre-feasibility study of Naumure Project.

3. Visit to Mahalisagar.

4. Latest status on Kosi Breach Closure.

5. Issue of embankment on both sides of river Mechi.

6. Gandak Project.

7. Restoration of Damaged Transmission Lines.

8. Pancheshwar Multipurpose Project and Saptakoshi High Dam Multipurpose Project and Sun Kosi Storage cum Diversion Scheme.

**Leakage of dams**

2474. SHRI A. VIJAYARAGHAVAN: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether there are reports on leakage of water from various dams for the last three years;

(b) if so, the details including the life period of such dams fixed during the construction period, State-wise, category-wise and year-wise for the last three years;

(c) if so, the steps taken to rectify the above leak in details, State-wise and category-wise;

(d) if so, whether steps will be taken to construct new dams to replace above old dams; and

(e) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) to (c) Seepage for the dams upto a permissible limit is a normal phenomenon. The project authorities collect information about leakage/seepage of water from most of the dams and take remedial measures in case of seepage in excess of permissible limits. As BIS 12182 the feasible service time of irrigation and hydropower projects shall not be less than 100 and 70 years respectively.

The State Governments are mainly the owners of irrigation and multipurpose projects. As such the responsibility of maintenance of the dams and their safety rests with them. The role of Central Government is confined to giving advisory services and framing guidelines with regard to safety and rehabilitation of dams.